<u>**Amendments to the Claims:**</u>

The following listing of claims will replace all prior versions and listings of claims in the application:

<u>**Listing of Claims:**</u>

Claims 1-5 (Canceled).

6. (Previously presented) A device for learning and training in dental treatment techniques, wherein forces can be exerted on a tooth secured in a model of a jaw using a tool or by hand in order to examine or to work on the tooth wherein the forces are

- converted into electrical measuring signals by means of a measuring device, and the measuring device is a single sensor fixed underneath the model of the jaw, constructed as a six-component force-moment sensor and wherein the measuring signals

- are fed to a data processor in which the measuring signals can be imaged as forces according to their magnitude and direction, and the data processor further comprises a data memory, in which

- a plurality of reference-force-time curves of different dental treatment steps can be stored as a table of values that can be called up, and

a program is provided which controls the data processor such that a selected reference-force-time curve and the actual force-time curve of the simulated dental treatment can be represented on an optical display.

7. (Previously presented) A device as claimed in claim 6 **characterized in that** an acoustic display unit is provided and a multitude of sound-samples are stored in the data memory, in which

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case by means of a program subject to the actual force-time curve of the simulated tooth treatment a sound-sample belonging to it can be played.

Claims 8-9 (Canceled).

10. (New) A device for learning and training in dental treatment techniques, wherein forces can be exerted on a tooth secured in a model of a jaw using a tool or by hand in order to examine or to work on the tooth, the device comprising:

means for converting exerted forces into electrical measuring signals, said converting means comprising a measuring device, the measuring device being a single sensor fixed underneath the model of the jaw, constructed as a six-component force-moment sensor;

a data processor coupled to said sensor so that the measuring signals are fed to the data processor, the data processor including means for imaging the measuring signals as forces according to their magnitude and direction, the data processor further comprising a data memory, in which a plurality of reference-force-time curves of different dental treatment steps can be stored as a table of values that can be called up, and

means for controlling the data processor such that a selected reference-force-time curve and the actual force-time curve of the simulated dental treatment can be represented on an optical display.